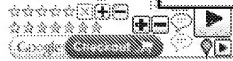




static timing circuit merge results mode corner

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by K Kucukcakar - 2005

A **static timing** analysis tool can advantageously manage multiple runs having different modes and **corners** and automatically **merge** the **results** generated by ...

[www.freepatentsonline.com/y2005/0172250.html](http://www.freepatentsonline.com/y2005/0172250.html)
2. [6 STATISTICAL \*\*STATIC TIMING\*\*](#)

**static timing** analysis (STA) runs at the process **corners**, a more ..... Experimental **results** on benchmark **circuits** show that these bounds are very ... sal, using the bound to **merge** groups of arrival times when possible, and thus ...

[www.springerlink.com/index/q311776261167808.pdf](http://www.springerlink.com/index/q311776261167808.pdf) - [Similar](#)
3. [Magma - Quartz \*\*Time\*\*](#)

It provides the most sophisticated **static timing** and signal integrity analysis technology ... Multi-**mode** timing analysis allows concurrent analysis and optimization of ... Quartz Time's multi-**corner** timing analysis generates timing constraints that ... TSMC Selects FineSim Pro **Circuit** Simulator to Develop Analog IP ...

[www.magma-da.com/products-solutions/analysis/quartztime.aspx](http://www.magma-da.com/products-solutions/analysis/quartztime.aspx) - [Cached](#)
4. [Archive | DAC Proceedings](#)

We report **results** based on OCP benchmarks for a 672 processors with NOC ..... Solving one such reported node in worst **corner** will resolve multiple violations. .... The increasing number of **corners** and modes raises the possibility of cross **mode** setup-hold conflict .... **Static Timing** Analysis of Single Track **Circuits** ...

[www.dac.com/events/proceedings.aspx?id=95-5-U](http://www.dac.com/events/proceedings.aspx?id=95-5-U) - [Cached](#) · [Similar](#)
5. [\[PDF\] \*\*Z CIRCUIT\*\*](#)File Format: PDF/Adobe Acrobat - [View as HTML](#)

**corner** or not taking advantage of a special operating voltage, may lead to a ... specific model **results** and simulations, if a problem is detected. ... single-step **mode** allows the user to rapidly identify problems in **circuit** behavior. ... **Static Timing** Analysis. SI Analysis. Power Estimation. Place & Route ...

[www.z-circuit.com/CharDatasheet04\\_18.pdf](http://www.z-circuit.com/CharDatasheet04_18.pdf)
6. [Statistical \*\*static timing\*\* analysis: A survey - Elsevier](#)by C Forzan - 2009 - [Related articles](#) - [All 3 versions](#)

Typically, the methodology to determine the **circuit timing** performance spread under variability is to run multiple **static timing** analyses (STA) at different ...

[linkinghub.elsevier.com/retrieve/pii/S0167926008000564](http://linkinghub.elsevier.com/retrieve/pii/S0167926008000564)

7. [Circuit and method for modeling I/O - US Patent 6983432 Description](#)

6, the **static timer** can **merge** on-chip and off-chip **timing**, perform signal ... The spice run **results** are merged with **static timing** assertions by the **static** ...

[www.patentstorm.us/patents/6983432/description.html](http://www.patentstorm.us/patents/6983432/description.html)

8. [Gate Sizing Using Incremental Parameterized Statistical Timing ...](#)

by MR Guthaus - 2005 - [Cited by 65](#) - [Related articles](#)

This paper uses incremental, parametric statistical **static timing** analysis (SSTA) to perform gate sizing with a required ... is defined for early **mode** timing analysis. **Corner**-based DSTA ..... ities as they **merge** into their respective sink timing points. .... produces sub-par **results** on many **circuits**. This work has ...

[ieeexplore.ieee.org/iel5/10431/33130/01560213.pdf?arnumber=1560213](http://ieeexplore.ieee.org/iel5/10431/33130/01560213.pdf?arnumber=1560213)

9. [\[PDF\] Timing Yield Estimation Using Statistical Static Timing Analysis](#)

File Format: PDF/Adobe Acrobat - [Quick View](#)

by M Pan - [Cited by 7](#) - [Related articles](#)

Conventional deterministic **static timing** analysis handles variability by analyzing a **circuit** at multiple process **corners**. Although this method ...

[www.eecs.northwestern.edu/~haizhou/publications/scas05.pdf](http://www.eecs.northwestern.edu/~haizhou/publications/scas05.pdf)

10. [\[PDF\] AccuCore Static Timing Analysis](#)

File Format: PDF/Adobe Acrobat

**timing** of a digital **circuit** without requiring simulation. .... B The use of **corners** in **static timing** analysis has several limitations ...

[www.simucad.com/products/ip.../AccuCore\\_Static\\_Timing.pdf](http://www.simucad.com/products/ip.../AccuCore_Static_Timing.pdf)

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1. System and method for providing distributed **static timing** analysis ...

by K Kucukcakar - 2005

A **static timing** analysis tool can advantageously manage multiple runs having different modes and **corners** and automatically **merge** the **results** generated by ...

[www.freepatentsonline.com/y2005/0172250.html](http://www.freepatentsonline.com/y2005/0172250.html)

2. USER TRACK - DAC Archives

Getting sufficient Functional **Coverage** in a timely manner is a ... In this poster, we present the **results** of our experience developing and using a generic CDC verification flow. .... with some blocks of partitions under MMMC (Multi-**Mode** Multi-**Corner**) condition. ....

**Static Timing Analysis of Single Track Circuits ...**

[www.dac.com/events/eventdetails.aspx?id=95-5-U](http://www.dac.com/events/eventdetails.aspx?id=95-5-U) - [Cached](#) - [Similar](#)

3. Statistical **Static Timing** Analysis - A Better Alternative EDA ...

By Rakesh Chadha, J. Bhasker, eSilicon Traditionally **static timing** ... at a **corner** which **results** in max delay and the METAL2 is at the **corner** which **results** in min delay. ... If +/- 2.576σ **coverage** is selected, the statistical distribution meets ... Computer Aided Design of Microwave **Circuits** (Artech House, 1981). ...

[www.scribd.com/.../Statistical-Static-Timing-Analysis-A-Better-Alternative-EDA-DesignLine](http://www.scribd.com/.../Statistical-Static-Timing-Analysis-A-Better-Alternative-EDA-DesignLine) - [Cached](#)

4. (PDF) Implementing an End-to-End Low-Power Multi-Voltage Methodology

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when the **circuit** is active (dynamic power) and also when it is inactive (static power). .... later in the design flow can avoid

equivalence **coverage** problems and .... **Static timing** analysis is based on two delay components: the network ... Concurrent Multi-Corner and Multi-Mode (MCM) Analysis and Optimization ...

[www.synopsys.com/Solutions/EndSolutions/.../implement\\_wp.pdf](http://www.synopsys.com/Solutions/EndSolutions/.../implement_wp.pdf)

#### 5. Magma: Talus RTL

Fast, Accurate **Static Timing** Analysis • Hierarchical timing constraints • Timing reports and graphical timing analyzer • Multi-mode analysis ...

[www.magma-da.com/products-solutions/.../talusrtl.aspx](http://www.magma-da.com/products-solutions/.../talusrtl.aspx) - [Cached](#)

#### 6. ETD Search Results: "More Like This" Search

For example, the **corner-to-corner** interconnect delay of a xc2v8000 FPGA is about .... Multiple functions are obtained on a single Boolean **static** logic circuit ... A variety of current and voltage **mode** threshold logic gates implemented in ... (maximum frequency) or the place and route **time** for the overall **circuit** ...

[etd.ohiolink.edu/search.cgi?q=accession\\_number...mit=y](http://etd.ohiolink.edu/search.cgi?q=accession_number...mit=y) - [Cached](#)

#### 7. [PDF] AccuCore Static Timing Analysis

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so it may not give broad **coverage** of the **circuit** ..... β The use of **corners** in **static timing** analysis has several limitations β It may be overly optimistic ...

[www.simucad.com/products/ip.../AccuCore\\_Static\\_Timing.pdf](http://www.simucad.com/products/ip.../AccuCore_Static_Timing.pdf)

#### 8. Microsoft PowerPoint - ChanduVisweswariah\SSCC04v10

by C Visweswariah - [Cited by 12](#) - [Related articles](#) - [All 3 versions](#)

would require 220 **timing** runs to hit all **corners**. – cumbersome, risky and pessimistic all at the same ... What is a statistical **timer**? **Static timer**. Delay and slew models. Netlist ..... in a **circuit** with 1M nodes and 2M edges and 12 **timing** .... Test **coverage** can be improved by exploiting statistical **timing results** ...

[domino.research.ibm.com/.../ChanduVisweswariah\SSCC04v10.PDF](http://domino.research.ibm.com/.../ChanduVisweswariah\SSCC04v10.PDF)

#### 9. Timing analysis with compact variation-aware standard cell models ...

by SA Aftabjahani - 2009 - [Cited by 2](#) - [Related articles](#) - [All 4 versions](#)

The **results** demonstrate improved accuracy in comparison with table-based static ... The standard approach to estimate **circuit** timing is through **static timing** ... The "**corner**" models consist of tables relating delay and output slew to ..... to the eigenvectors selected for the model determine the variance **coverage**. ...

[linkinghub.elsevier.com/retrieve/pii/S0167926008000710](http://linkinghub.elsevier.com/retrieve/pii/S0167926008000710) - [Similar](#)

## 10. [FAQ](#)

It uncovers difficult to reach **corner** cases and provides a guarantee that ... Solidify's **static coverage** technology guides the designer to create a .... **time** and effort since only those unverified portions of the **circuit** are analyzed. ...

[www.averant.com/faq.html](http://www.averant.com/faq.html) - [Cached](#)

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The logical **result** of this approach mandated a change, because, as defined, .... at the same **time**, the rejection of unlisted rights confined the ..... 277 In each **mode** of analysis, the benefits of a particular definition of rights ..... 1 (1955) (contending that the draftsmen did not intend a **static** meaning of ...

<https://litigation-essentials.lexisnexis.com/.../app?...1...>2. User interface having analysis status indicators - US Patent ...

The magnet 22 creates a **static** magnetic field along the longitudinal axis of .... The uppermost left-hand **corner** contains an indication 46 of the computer program being run. ... the computer analyzed visual image and the **unanalyzed** visual image. ... Once in cinema **mode**, the user can scroll rapidly through an entire ...

[www.patentstorm.us/patents/7155043/description.html](http://www.patentstorm.us/patents/7155043/description.html)3. [PDF] NP-complete Problems and Physical RealityFile Format: PDF/Adobe Acrobat - [View as HTML](#)by S Aaronson - [Cited by 59](#) - [Related articles](#) - [All 20 versions](#)

In general, the **results** were highly nondeterministic; i could obtain ..... evolving dynamically in **time**: instead there is just a **static** spacetime .... since we can simulate the classical **time** travel **circuit** for PSPACE using a quantum **circuit**. On .... should we treat the user who picks an input  $x$  as an **unanalyzed**, ...

[www.scottaaronson.com/papers/npcomplete.pdf](http://www.scottaaronson.com/papers/npcomplete.pdf) - [Similar](#)4. Method and Apparatus for Video Digest Generation - Patent application

[0184]Abbreviation **mode** (15A) **results** in a video digest with both large duration and covering. The main emphasis is on showing the

content in less time, ...

[www.faqs.org/patents/app/20090022472](http://www.faqs.org/patents/app/20090022472) - [Cached](#)

5. [\[PDF\] DELAYING WITH FIRE: THE SHEARON HARRIS NUCLEAR PLANT AND 14 YEARS ...](#)

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stress at **corners** and in narrow openings; and electrical loads. .... high number of **circuit** failures can occur in a relatively short **time** period, in that case within .... **unanalyzed** manual actions. 1. Fire Watch Patrols ..... Information Notice 2005-07, "Results of HEMYC Electrical Raceway Fire Barrier System Full ...

[www.ncwarn.org/.../WP%20DELAYING%20W%20FIRE%20REP.pdf](http://www.ncwarn.org/.../WP%20DELAYING%20W%20FIRE%20REP.pdf) - [Similar](#)

6. [SIGACT News Complexity Theory Column 46](#)

by S Aaronson - 2005 - [Cited by 59](#) - [Related articles](#)

Complexity; Subhash Khot on Recent **results** in PCPs and Hardness of ..... evolving dynamically in **time**: instead there is just a **static** spacetime .... I am indebted to Lance Fortnow for coming up with a **time** travel **circuit** for the more general .... should we treat the user who picks an input  $x$  as an **unanalyzed**, ...

[portal.acm.org/ft\\_gateway.cfm?id=1052804&type=pdf](http://portal.acm.org/ft_gateway.cfm?id=1052804&type=pdf)

7. [<a href="http://arXiv.org/abs/quant-ph/0502072v2">arXiv:quant-ph ...](#)

by S Aaronson - 2005 - [Cited by 59](#) - [Related articles](#) - [All 20 versions](#)

Feb 21, 2005 ... In general, the **results** were highly nondeterministic; ..... not even a notion of objects evolving dynamically in **time**: instead there is just a **static** spacetime .... since we can simulate the classical **time** travel **circuit** for .... should we treat the user who picks an input  $x$  as an **unanalyzed**, ...

[arxiv.org/pdf/quant-ph/0502072](http://arxiv.org/pdf/quant-ph/0502072)

8. [\(WO/2009/035764\) METHOD AND APPARATUS FOR VIDEO DIGEST GENERATION](#)

Figure 16 illustrates non-linear **time** warp for preview generation. ... playback of various **time** portions of a previously **unanalyzed** input media content ..... or (for relatively **static** objects) may be done without first determining that the ..... Abbreviation **mode** (15A) **results** in a video digest with both large ...

[www.wipo.int/pctdb/ja/ia.jsp?ia=US2008%2F070224&IA...](http://www.wipo.int/pctdb/ja/ia.jsp?ia=US2008%2F070224&IA...) - [Cached](#)

9. [\[PDF\] V. ARCHEOLOGICAL ASSESSMENT](#)

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surveys, however, vary in intensity of **coverage** and detail of recording. .... can vary, ranging from recognition of (1) the material **results** of a single ..... are materials from other excavations that are also **unanalyzed**. .... Most of the **time**, archeologists work with the assumption of

static ahupua'a boundaries ...

www.nps.gov/havo/historyculture/upload/HAVO\_AOA\_part%203.pdf

10. Stanford Computer Science Department Technical Reports from the 1970s

The computation **time** is proportional to  $V^3$ , where  $V$  is the number of vertices; ..... such information for the case in which the model is an edge or **corner**. ..... These **circuits** have one **mode** of operation called secure **mode** in which they ..... whose performance in many cases remains **unanalyzed**, is Shellsort. ...

infolab.stanford.edu/TR/cstr7x.html - Cached - Similar

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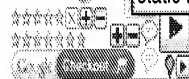
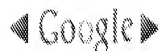
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[Show options...](#)1. [Replicating timing data in static timing analysis operation](#)

At least one **path** comprising logical **user** defined delay segments and a **timing** ... Many of the common problems in chip design relate to **interface timing** ... For instance, the **input** data may vary, and/or the **circuit** may perform ... Examples of problems that can occur from poor **timing** include a hold **time violation**, ...

[www.freshpatents.com/-dt20091126ptan20090293031.php](http://www.freshpatents.com/-dt20091126ptan20090293031.php) - [Cached](#)

2. [Concurrently modeling delays between points in static timing ...](#)

An apparatus, program product and method perform **static timing** analysis on an ... Many of the common problems in chip design relate to **interface timing** ... For instance, the **input** data may vary, and/or the **circuit** may perform ... Examples of problems that can occur from poor timing include a hold **time violation**, ...

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3. [Static timing analysis - Wikipedia, the free encyclopedia](#)

A hold **time violation**, when an **input** signal change too quickly, ... Once the **circuit timing** has been computed by one of the techniques below, the critical ... in most of the literature on **timing** analysis refers to the critical **path** method ... Many of the common problems in chip designing are related to **interface** ...

[en.wikipedia.org/wiki/Static\\_timing\\_analysis](http://en.wikipedia.org/wiki/Static_timing_analysis) - [Cached](#) - [Similar](#)

4. [Method and apparatus for analyzing digital circuits - US Patent ...](#)

**Static timing** analysis tools have the capability to verify **circuit** timings more ... SCSI host bus adapter 112, and expansion bus **interface** 114 are connected to PCI ... Otherwise, the process **reports violations** identified in step 210 (step 214) ... Glitch **path** 520 begins at the set **input** of latch 518 and traces back ...

[www.patentstorm.us/patents/5903577/description.html](http://www.patentstorm.us/patents/5903577/description.html)

5. [\[PDF\] Static Timing Verification of Custom Blocks Using Synopsys ...](#)

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a particular sensitization leads to a **timing violation** in the **circuit** block. .... of the **reports** generated by NanoTime also look similar to those generated by PrimeTime. .... **path** from a design **input** (referred to as a source) to a design output or **timing** .... Faster runtime, an interactive **user interface** and a ...

[www.synopsys.com/Tools/Implementation/SignOff/.../nano\\_wp.pdf](http://www.synopsys.com/Tools/Implementation/SignOff/.../nano_wp.pdf)

6. [Method and timing harness for system level static timing analysis ...](#)

by RWL Ko - 2008 - [All 4 versions](#)

May 13, 2008 ... Method for performing timing analysis of a clock-shaping **circuit** .... 16 illustrates an example of a timing **report** generated by a .... of tracing and correcting timing **violations** compared to previous methods of I/O boundary analysis. .... An "internal **path**" approach was proposed in "**Static Timing** ...

[www.freepatentsonline.com/7373626.html](http://www.freepatentsonline.com/7373626.html)

7. [Focus Report: Timing Analysis - EETimes.com | Electronics Industry ...](#)

Furthermore, **static timing** tools automatically guide the **user** to the most critical ... **path** is intentional, it must be specified to avoid a hold **violation**. ... rather than exhaustive **coverage** of every **circuit** node in the design. ... then links them into timing-analysis tools using the OLA modeling **interface**. ...

[www.eetimes.com/editorial/2000/focusreport0008.html](http://www.eetimes.com/editorial/2000/focusreport0008.html) - [Cached](#) - [Similar](#)

8. [\[PDF\] Chapter 7: Timing Constraints for HardCopy II Devices](#)

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Quartus II software, an **interface** to a third-party **static timing** analyzer, .... in the Compilation **Report** and resolve all reported timing **violations**. Constraining .... In combinational timing **circuits**, a **path** exists from a primary **input** port ... translations produce the same timing constraint **coverage** and the same ...

[www.altera.com/literature/hb/hrd/hc\\_h51028.pdf](http://www.altera.com/literature/hb/hrd/hc_h51028.pdf) - [Similar](#)

9. [\[PDF\] Open Verilog international](#)

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to the use of PrimeTime, the Synopsys **static timing** analysis. (STA) tool. .... To invoke the shell: To invoke the PrimeTime shell as an alternative **user interface**, execute: ... does not **report** non-cell **violations**, e.g. output **path violations** ... creates timing paths and **reports** rising edge **input** timing and ...

[www.eas.uccs.edu/ciletti/.../Tutorials/primetime\\_tut.pdf](http://www.eas.uccs.edu/ciletti/.../Tutorials/primetime_tut.pdf)

10. [Strategic Timing Analysis of High-speed Boards - IEEE Spectrum](#)

by LL Chang - 1997 - [Cited by 1](#) - [Related articles](#)

Many tools are available for **static timing analysis** on ICs and **circuit boards**. But .... if there are no more timing **violations**. A false **path** that has timing **violations** will be reported by Motive. .... Defining Terms) or a **user script**. Here, only the tool ..... **input**, should see a low signal at its **input pin** sooner ...

[ieeexplore.ieee.org/iel3/6/12503/00576012.pdf?arnumber=576012](http://ieeexplore.ieee.org/iel3/6/12503/00576012.pdf?arnumber=576012)

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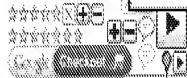
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A hold **time violation**, when an **input** signal change too quickly, ... Once the **circuit timing** has been computed by one of the techniques below, the critical ... in most of the literature on **timing** analysis refers to the critical **path** method ... Many of the common problems in chip designing are related to **interface** ...

[en.wikipedia.org/wiki/Static\\_timing\\_analysis](http://en.wikipedia.org/wiki/Static_timing_analysis) - [Cached](#) - [Similar](#)

2. [Method and timing harness for system level static timing analysis ...](#)

The **input** delay is set to constrain a setup/hold timing requirement on an ... A virtual clock has no real source in the integrated **circuit** design .... An "internal **path**" approach was proposed in "Static Timing Verification of .... The timing **report** may be used for analysis and correction of timing violations. ...

[www.patentstorm.us/patents/7373626/description.html](http://www.patentstorm.us/patents/7373626/description.html)

3. [Focus Report: Timing Analysis - EETimes.com | Electronics Industry ...](#)

Furthermore, **static timing** tools automatically guide the **user** to the most critical ... **path** is intentional, it must be specified to avoid a hold **violation**. ... rather than exhaustive **coverage** of every **circuit** node in the design. ... then links them into timing-analysis tools using the OLA modeling **interface**. ...

[www.eetimes.com/editorial/2000/focusreport0008.html](http://www.eetimes.com/editorial/2000/focusreport0008.html) - [Cached](#) - [Similar](#)

4. [CommsDesign - Overcoming Static Timing Issues in Low-Power 3G Chips](#)

But, while cutting power, these tricks can create **static timing** analysis problems. ... As a result, the **input** clock cannot be used as a timing reference for ... For each **interface**, reference the **interface's** I/O timing assertions to ... The first pass updates timing and **reports** the insertion delay of the I/O clocks. ...

[www.commsdesign.com/design\\_corner/showArticle.html?...](http://www.commsdesign.com/design_corner/showArticle.html?...) - [Cached](#)

## 5. [PDF] Save Time and Money with CustomSim Native Circuit Checks

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programmable **interface**. Often, it has only been possible to check for certain failure mechanisms by .... paths between two **user**-defined power supplies. The check will **report** DC paths as ... analyze the native **circuit check violation report**. ... through increased error **coverage** utilizing high-speed **static** checks in ...

[www.synopsys.com/Tools/.../CircuitSimulation/.../Custom-Circuit-wp.pdf](http://www.synopsys.com/Tools/.../CircuitSimulation/.../Custom-Circuit-wp.pdf) - [Similar](#)

## 6. Strategic Timing Analysis of High-speed Boards - IEEE Spectrum

by LL Chang - 1997 - [Cited by 1](#) - [Related articles](#)

functional simulation starts at 0 **percent, static** tim- ... if there are no more **timing violations**. A false **path** that has **timing** ... built either directly, from the **circuit** board schemat. .... Defining Terms) or a **user** script. Here, only the tool ..... **input**, should see a low signal at its **input** pin sooner than U5. ...

[ieeexplore.ieee.org/iel3/6/12503/00576012.pdf?arnumber=576012](http://ieeexplore.ieee.org/iel3/6/12503/00576012.pdf?arnumber=576012)

## 7. Static Netlist Verification

A graphical **user interface** (GUI) for easier debugging .... results from a given **input** without any timing **violations**. The problem with dynamic timing analysis is that the simulation vectors cannot guarantee 100 **percent coverage**. **Static timing** analysis checks all the paths in the **circuit** or design, including the ...

[www.springerlink.com/index/r5g27651q1670ln6.pdf](http://www.springerlink.com/index/r5g27651q1670ln6.pdf)

## 8. Coverage Metrics for Functional Validation of Hardware Designs

by S Tasiran

In this article, we summarize existing work on coverage metrics, **report** on .... is to ask for **user input**, but this approach may be **time** consuming and error prone. ... As with code coverage, **circuit**-structure-based metrics provide a lower ... These metrics require state, transition, or limited **path coverage** on a ...

[doi.ieeecomputersociety.org/10.1109/54.936247](http://doi.ieeecomputersociety.org/10.1109/54.936247)

## 9. [PDF] Coverage Metrics for Functional Validation of Hardware Designs

File Format: PDF/Adobe Acrobat - [Quick View](#)

by S Tasiran - [Cited by 91](#) - [Related articles](#) - [All 23 versions](#)

age metrics, **report** on industrial experiences in .... toggle coverage: Each binary node in the **circuit** ... mon solution is to ask for **user input**, but this approach may be **time** consuming and error ... state, transition, or limited **path coverage** on a .... coverage, therefore, is the **percentage** of faults ...

[citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.62.9086&rep...](http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.62.9086&rep...)

## 10. Patent Issued Week 16, 2009

The method can include receiving a **user input** request to voice-enable at least ... A method for propagating phase constants for **static circuit** model analysis is provided. ... clock pairs in order to minimize cycle-time overlap **violations** ... A computer system includes a **user-interface**. The **user-interface** includes a ...

[www.freepatentsonline.com/USD-04142009-p2.html](http://www.freepatentsonline.com/USD-04142009-p2.html)

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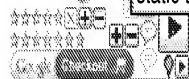
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[Show options...](#)1. [Statistical Static Timing Analysis - A Better Alternative EDA ...](#)

**Timing** analysis at the traditional interconnect **corners** considers various ... SSTA **Results** The **results** from statistical analysis provide **path** slack in terms ... Assuming  $\pm 3\sigma$  **coverage**, the effective minimum value has a **violation** by 0.12ns **path** ... Computer Aided Design of Microwave **Circuits** (Artech House, 1981). ...

[www.scribd.com/.../Statistical-Static-Timing-Analysis-A-Better-Alternative-EDA-DesignLine - Cached](#)

2. [Embedded.com - Statistical Static Timing Analysis - A Better ...](#)

Feb 3, 2009 ... Statistical **static timing** analysis (SSTA) helps the design team ... The **results** from statistical analysis provide **path** slack in terms of its mean and **corner** values. ... If  $\pm 2.57\sigma$  **coverage** is selected, the statistical distribution ... 0.5% of the manufactured parts will have a timing **violation**. ...

[www.embedded.com > Design Articles - Cached](#)

3. [Statistical Static Timing Analysis - A Better Alternative](#)

Traditionally **static timing** analysis (STA) is used to verify if a CMOS digital ... is at a **corner** which **results** in max delay and the METAL2 is at the **corner** ... Assuming  $\pm 3\sigma$  **coverage**, the effective minimum value has a **violation** by 0.12ns - **path** ... Computer Aided Design of Microwave **Circuits** (Artech House, 1981). ...

[www.chipestimate.com/techtalk.php?d=2008-12-30 - Similar](#)

4. [METHODS FOR CONSERVING MEMORY IN STATISTICAL STATIC TIMING ...](#)

A method for memory conservation during statistical **static timing** analysis ... integrated **circuit** timing based on statistical **static timing** analysis. ... slack or an early **mode** slack indicates a timing constraint **violation**. .... Patents in all subclasses Timing analysis (e.g., delay time, **path** delay, latch timing) ...

[www.fqgs.org/patents/app/20090241078 - Cached](#)

5. SCDsource - Expert's **Corner** - Who needs statistical **timing** and how ...

You want to check the timing of the **circuit** everywhere in the process space. ... Reason number two is full chip **coverage**. If you do things on a **path** basis, ... Does it completely replace multi-**corner static timing** analysis, or complement ... are not just timing **violations** you have to fix, but robustness **violations**, ...

[www.scdsource.com/experts.php?id=5](http://www.scdsource.com/experts.php?id=5) - [Cached](#) - [Similar](#)

6. System and method for correlated process pessimism removal for ...

**Static timing** is used widely in order to verify the **timing** of digital .... In the elucidatory **circuit** of FIG. 3, BOX340 in the late data **path** and BOX320 in ...

[www.patentstorm.us/patents/7117466/description.html](http://www.patentstorm.us/patents/7117466/description.html)

7. Chip Design » **Static Timing** Analysis at 28 nm: More and Bigger is ...

For over 10 years, design engineers have used the same **static timing** ... **circuit** designers to predict speed, timing and power of their sensitive. ... **View Results** ... and distributed multi-**mode/multi-corner** (MM/MC) and location-based on-chip ... where an ECO that fixes the original timing **violation** creates another. ...

[chipdesignmag.com/display.php?articleid=3790](http://chipdesignmag.com/display.php?articleid=3790) - [Cached](#)

8. USER TRACK - DAC Archives

In this poster, we present the **results** of our experience developing and using a generic CDC verification flow. .... **Static Timing** Analysis of Single Track **Circuits** ... This verification flow enables timing-**violation**-driven ECO flows of ... how false and multi-cycle **path** information from **Static Timing** Analysis ...

[www.dac.com/events/eventdetails.aspx?id=95-5-U](http://www.dac.com/events/eventdetails.aspx?id=95-5-U) - [Cached](#) - [Similar](#)

9. Setup and Hold **Timing Violations** Induced by Process Variations, in ...

by B Rebaud - 2008 - [Cited by 1](#) - [Related articles](#)

design of the **circuit** and its environmental conditions. Thus, design methodologies and CAD ... Like **Static Timing** Analysis, two kinds of SSTA exist: **path**-based and block-based. **Path**-based SSTA ... are generated from those **results**. SSTA outputs provide .... **corner** to take to be sure that no **violation** will appear. ...

[ieeexplore.ieee.org/iel5/4556750/4556751/04556814.pdf?arnumber...](http://ieeexplore.ieee.org/iel5/4556750/4556751/04556814.pdf?arnumber...)

10. Methods for conserving memory in statistical **static timing** analysis

This has led to considerable research into statistical **static timing** analysis ... test slack or an early **mode** slack indicates a **timing** constraint **violation**. ...

[www.freshpatents.com/-dt20090924plan20090241078.php](http://www.freshpatents.com/-dt20090924plan20090241078.php) - [Cached](#)



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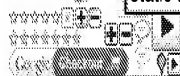
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### 1. [Applications in Class 716/6](#)

An apparatus, program product and method perform **static timing** analysis on an ... a canonical approximation of an **input** slew over a timing **path** to a first **corner** and. ... **MINIMUM TIMING VIOLATION CORRECTIONS IN AN INTEGRATED CIRCUIT DESIGN** ... through a logic gate using timing analysis **results** is described. ...

[www.freepatentsonline.com/ACC-716-6.html](http://www.freepatentsonline.com/ACC-716-6.html)

### 2. [USER TRACK - DAC Archives](#)

We **report results** based on OCP benchmarks for a 672 processors with NOC multiprocessor. .... design with some blocks of partitions under MMC (Multi-Mode Multi-Corner) condition. .... **Static Timing Analysis of Single Track Circuits** ... This verification flow enables timing-violation-driven ECO flows of large GasP ...

[www.dac.com/events/eventdetails.aspx?id=95-5-U](http://www.dac.com/events/eventdetails.aspx?id=95-5-U) - [Cached](#) - [Similar](#)

### 3. [A Holistic Parallel and Hierarchical Approach towards Design-For-Test](#)

by CP Ravikumar - [All 4 versions](#)

failures, or significant timing **violations** are noticed. Chip- ... level ATPG **coverage reports**, timing **reports**, and formal ... for **circuit blocks**, the effort involved in **static timing** .... "residual" **mode**, there is a **path** from SI to SO that spans .... The basic **user interface** to the framework is through a ...

[doi.ieeecomputersociety.org/10.1109/ITC.2004.15](http://doi.ieeecomputersociety.org/10.1109/ITC.2004.15)

### 4. [Test Generation in the Presence of Timing Exceptions and Constraints](#)

by D Goswami - 2007 - [Cited by 1](#) - [Related articles](#)

improved test **coverage** and test compression. The new method ... timing exception **path** with setup time **violation** does not meet the setup time requirements. A timing exception **path** with .... For a **circuit** under test with N gates, the **static** analysis ... configurable through a scan-mode **interface**. For each of these ...

[ieeexplore.ieee.org/.../04261271.pdf?...D...](http://ieeexplore.ieee.org/.../04261271.pdf?...D...) - [Similar](#)

### 5. [Static Netlist Verification](#)

number of vector sets is required to cover all the **corner** cases. Any change in the ..... A graphical **user interface** (GUI) for easier debugging .... **results** from a given **input** without any timing **violations**. ... **coverage**. **Static timing** analysis checks all the paths in the **circuit** or design, including the false paths. ...

[www.springerlink.com/index/r5g27651q1670in6.pdf](http://www.springerlink.com/index/r5g27651q1670in6.pdf)

#### 6. [PDF] Three Facets of IBIS: Interface, Behavior and Measurement

File Format: PDF/Adobe Acrobat - [View as HTML](#)

Basic timing analysis. **Static timing** analysis: **Input** setup and hold time. **Static timing** analysis: Clock edge to ... Allows for simulation **coverage** of the majority of nets on your ... Simulate the data **path** for the rising and the falling edges .... (external **circuit**) terminals to present the **results** of analysis ...

[www.vhdi.org/pub/ibis/summits/dec05/dodd.pdf](http://www.vhdi.org/pub/ibis/summits/dec05/dodd.pdf) - [Similar](#)

#### 7. ( SNUG 03 Item 15 ...

May 14, 2003 ... Synopsys owns 98.3% of the \$26 million **static timing** analysis market. ... set false **path**) it can take about 1/2 the load time again to re-calculate. ... Even if you have to run the analysis in each **mode/corner** there should be summary **reports** that show all **violations** in the design in all **corners**. ...

[www.deepchip.com/items/snug03-15.html](http://www.deepchip.com/items/snug03-15.html) - [Cached](#)

#### 8. [PDF] Implementing an End-to-End Low-Power Multi-Voltage Methodology

File Format: PDF/Adobe Acrobat - [Quick View](#)

ELS cells allow the **input** side of the domain **interface** to be shut off, while driving ..... **Static timing** analysis is based on two delay components: the network delay and the cell delay. ... Concurrent Multi-**Corner** and Multi-**Mode** (MCM) Analysis and Optimization ... As a **result**, the timing and constraint **reports** ...

[www.synopsys.com/Solutions/EndSolutions/.../implement\\_wp.pdf](http://www.synopsys.com/Solutions/EndSolutions/.../implement_wp.pdf)

#### 9. Accurate timing analysis of integrated circuits when combinatorial ...

The accuracy of **timing** analysis of an integrated **circuit** is enhanced based on ... for a weak process **corner**, setup **time violation** is of particular concern. ... 4C depicts the current on **input path** corresponding to pin B. As may be easily ... graphics controller 660, network **interface** 680, and **input interface** 690. ...

[www.freshpatents.com/Accurate-timing-analysis-of-integrated-circuits-when-combinatorial-logic-offers-a-load-dt20060202ptan20060026543.ph...](http://www.freshpatents.com/Accurate-timing-analysis-of-integrated-circuits-when-combinatorial-logic-offers-a-load-dt20060202ptan20060026543.ph...)

- [Cached](#)

#### 10. Static Timing Analysis for Nanometer Designs

Multi-**mode** multi-**corner** analysis, power management, ..... Figure 3-11 Design modeled with **interface timing**. • **Input** sequential arc: This is described ..... The **timing path report** can optionally include the expanded clock paths, ..... Example with **Timing Violation** In this case, the data **path** delay is much larger ...

[www.scribd.com/Static-Timing-Analysis-for...Designs/.../22000607](http://www.scribd.com/Static-Timing-Analysis-for...Designs/.../22000607) - [Cached](#)

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static timing mode corner timing violation percentage

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[Show options...](#)1. [Chip Design » Static Timing Analysis at 28 nm: More and Bigger is ...](#)

For over 10 years, design engineers have used the same **static timing** analysis ... and distributed multi-mode/multi-corner (MM/MC) and location-based on-chip ... game where an ECO that fixes the original **timing violation** creates another. ...

chipdesignmag.com/display.php?articleId=3790 - [Cached](#)

2. [Embedded.com - Statistical Static Timing Analysis - A Better ...](#)

Feb 3, 2009 ... Statistical **static timing** analysis (SSTA) helps the design team to make ... For example, the analysis at max Vdd and low temperature **corner** utilizes ... only 0.5% of the manufactured parts will have a **timing violation**. ...

www.embedded.com - Design Articles - [Cached](#)

3. [\[PDF\] Timing Yield Estimation Using Statistical Static Timing Analysis](#)

File Format: PDF/Adobe Acrobat - [Quick View](#)

by M Pan - [Cited by 7](#) - [Related articles](#) - [All 7 versions](#)

by analyzing a circuit at multiple process **corners**. Although this method .... The **timing** yield when there is no set-up **time violations**. Circuits S38584 ... only causes a **few percentage** of error on **timing** yield in small circuits, ...

www.eecs.northwestern.edu/~haizhou/publications/icas05.pdf

4. [METHOD TO IDENTIFY TIMING VIOLATIONS OUTSIDE OF MANUFACTURING ...](#)

by NC Buck - 2009

Sep 17, 2009 ... One method of implementation is to use a multi-**corner static timing** analysis tool which calculates parameter sensitivities such as ...

www.freepatentsonline.com/y2009/0235217.html

5. [METHOD TO IDENTIFY TIMING VIOLATIONS OUTSIDE OF MANUFACTURING ...](#)

One method of implementation is to use a multi-**corner static timing** analysis ... to focus on **timing violations** outside of the manufacturing spec limits. ...

www.fqqs.org/patents/app/20090235217 - [Cached](#)

6. [STATIC TIMING ANALYSIS](#)

by U PrimeTime

Only a selected few timing reports relate to the real **timing violations**. .... By analyzing the design at both **corners** of the operating conditions, a time- .... the test-mode for **static timing** analysis. Case analysis for ...

www.springerlink.com/index/1328453k08637619.pdf - [Similar](#)

7. [EETimes.com - Multi-corner multi-mode designs are no mean feat](#)

Apr 7, 2008 ... From a multiple **corner** and **mode** context, the critical handicap of the ... increase in SI-related **timing violations** due to increasing dominance of ... What is needed is a built-in MCM **static timing** analysis engine that ...

www.eetimes.com/showArticle.jhtml?articleID=207100049 - [Cached](#) - [Similar](#)

8. [Magma - Quartz Time](#)

It provides the most sophisticated **static timing** and signal integrity analysis ... Multi-**mode timing** analysis allows concurrent analysis and optimization of multiple ... consuming to identify the single worst **corner**-case and to fix **violations**. Quartz **Time's** multi-**corner timing** analysis generates **timing** constraints ...

[www.magma-da.com/products-solutions/analysis/quartztime.aspx](http://www.magma-da.com/products-solutions/analysis/quartztime.aspx) - [Cached](#)

9. [Incentia Announces ECOCraft, New Tool for Post-Layout Hold Time ECO](#)

Apr 29, 2008 ... Fixing hold **time violations** under Multi-**Mode** Multi-**Corner** (MMMC) ... Incentia patented technologies provide the fastest **Static Timing** ...

[www10.edacafe.com/nbc/articles/view\\_article.php?articleid=524145](http://www10.edacafe.com/nbc/articles/view_article.php?articleid=524145)

10. [The Missing Corner | Adventures on the Chip Design Road...](#)

Sep 28, 2009 ... In test-**mode**, the clock will reach the clock-gate control flops much earlier than the ... Looks like a hold-**time violation**. But why that **corner**? It's not one of the standard timing **corners** checked for tape-out. ... that you'd need to run **static timing** analysis, you do analyze timing at the offending ...

[chip101.com/blog/jmacdonald/2009/missing-corner](http://chip101.com/blog/jmacdonald/2009/missing-corner) - [Cached](#)

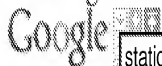
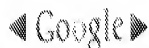
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## 1. [Test-Pattern Grading and Pattern Selection for Small-Delay Defects](#)

by M Yilmaz - 2008 - [Cited by 3](#) - [Related articles](#) - [All 3 versions](#)

[2, 6, 9]. However, the test generation time increases considerably when these tools are run in timing-aware mode. ... using **static timing analysis** (STA) tools. Even with a list of ... data volume and test application time for integrated **circuits** ... budget and target **fault coverage**. Experimental **results** show ...  
[ieeexplore.ieee.org/iel5/4511672/4511673/04511728.pdf?...](#) - [Similar](#)

## 2. [\[PDF\] MODELING OF DETERMINISTIC WITHIN-DIE VARIATION IN TIMING ANALYSIS ...](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)by M Choi - 2007 - [Cited by 1](#) - [Related articles](#) - [All 10 versions](#)

are associated with increasing numbers of **unsimulated** features and design- .... Most papers have focused on selecting paths to ensure topological **coverage**. .... **circuit**, which are in the bottom right **corner** of the chip in Figure 6.6(a). .... Figure 6.9 shows the delay **results** for **static timing analysis** of 10 ...

[smartechn.gatech.edu/bitstream/1853/.../1/choi\\_munkang\\_200705\\_phd.pdf](http://smartechn.gatech.edu/bitstream/1853/.../1/choi_munkang_200705_phd.pdf)

## 3. [Image sensor timing circuit](#) - Patent 7567279

by ZA Yourlo - 2009

Jul 28, 2009 ... **Unprocessed**-Processed-Subsampled Image Read Sequence ..... may be put in a bypass or transparent **mode** to increase **coverage** of signals going ...

[www.freepatentsonline.com/7567279.html](http://www.freepatentsonline.com/7567279.html)

## 4. [\[PDF\] Test-Pattern Selection for Screening Small-Delay Defects in Very ...](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

by M Yilmaz

which induce small delay variations in the **circuit** components. Such delay variations are referred to as ... and Encounter Test) or through a **static timing analysis** (STA) tool (for TetraMax). .... add **unprocessed** gates on the traced path to the stack ... age as well as long-path **coverage**. As a **result**, we attempt to ...

[dukespace.lib.duke.edu/dspace/.../Chakrabarty\\_duke\\_tech\\_report\\_2009.pdf](http://dukespace.lib.duke.edu/dspace/.../Chakrabarty_duke_tech_report_2009.pdf)

5. PDF| System-on-Chip Testability Using LSSD Scan Structures

File Format: PDF/Adobe Acrobat - [Quick View](#)

by K Zarineh - [Cited by 9](#) - [Related articles](#)

design **time** to market for complex systems. Scan ..... which **results** in the circuit shown in Figure 8b. During functional **mode**, control1 ...  
[www.cse.buffalo.edu/~shambhu/documents/pdf/ieeeedmt01.pdf](http://www.cse.buffalo.edu/~shambhu/documents/pdf/ieeeedmt01.pdf)

6. Photodetecting Circuit - Patent application - is disclosed which ...

**Timing** diagram of the image sensor event signals in Freeze-Frame **mode** ..... either processed or **unprocessed**, to an external device using a serial data ...  
[www.fqqs.org/patents/app/20100002111](http://www.fqqs.org/patents/app/20100002111) - [Cited](#)

7. Scanning SQUID microscopy for current imaging - Elsevier

by LA Knauss - 2001 - [Cited by 17](#) - [Related articles](#) - [All 3 versions](#)

During imaging, the MAGMA system achieves a raw, **unprocessed** spatial resolution equal ... A common failure **mode** in integrated **circuits** is the power to ground short. .... 14(a), the **static** magnetic field image is shown for the background magnetic ... Current image **results** overlaid on the **circuit** diagram for the MCM. ...  
[linkinghub.elsevier.com/retrieve/pii/S0026271401001061](http://linkinghub.elsevier.com/retrieve/pii/S0026271401001061)

8. Method of routing an integrated circuit - US Patent 6006024 ...

This step enhances tie **coverage** and performance of the final layout without ..... and a number of bends, or **corners** which **result** from the proposed layout. ...  
[www.patentstorm.us/patents/6006024/description.html](http://www.patentstorm.us/patents/6006024/description.html)

9. Wormlike Polystyrene Brushes in Thin Films - Langmuir (ACS) ...

by SS Sheiko - 1997 - [Cited by 72](#) - [Related articles](#)

Molecular ordering in thin films has been studied using tapping **mode** ... The incomplete **coverage results** from dewetting of the substrate during ... Figure 6 Fourier filtered (a, b) and **unprocessed** (c, d) SF micrographs of a ..... These brushes were characterized in solution (GPCMALLS, **static** and dynamic light ...  
[pubs.acs.org/cgi-bin/jtext?langd5/13/f20/abs/la970132e](http://pubs.acs.org/cgi-bin/jtext?langd5/13/f20/abs/la970132e)

10. A survey of the Indian ocean triple junction trace within the ...

by P Patriat - 1989 - [Cited by 7](#) - [Related articles](#)

processes at this **mode** of triple junctions appear to be supported .... single continuous lines; SEABEAM **coverage** is indicated by pale stipple or .... Crosses locate '**corner**' sections discussed in text, flagged bold lines are inward-facing scarps in ocean .... and to a lesser degree, of CIR and a **static** SEIR, the ...  
[www.springerlink.com/index/P366J01179232174.pdf](http://www.springerlink.com/index/P366J01179232174.pdf)



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[Show options...](#)1. [Static Timing Model Extraction for Combinational Circuits](#)by B Li - [Related articles](#)

For large **circuits**, **static timing** analysis (STA) needs to be ... The serial **merge** replaces two consecutive timing edges by a new one from the ..... Comparison of the Reduction **Results**. **Circuit**. Original **circuit**. Proposed method ...

[www.springerlink.com/index/n61287m4wr624664.pdf](http://www.springerlink.com/index/n61287m4wr624664.pdf)

2. [STATIC timing analysis of a digital circuit is a widely used](#)by K Tseng - 2005 - [Cited by 12](#) - [Related articles](#)

The **results** from these designs and a few special **circuits** are presented in Section IV. II. **TIMING ANALYSIS FRAMEWORK**. In **static timing** analysis without ...

[ieeexplore.ieee.org/iel5/43/32559/01522445.pdf?arnumber=1522445](http://ieeexplore.ieee.org/iel5/43/32559/01522445.pdf?arnumber=1522445)

3. [NanoTime](#)

Transistor-level **Static Timing** Analysis Solution for Custom Designs ... and delivers overnight analysis **results** for complex million-transistor designs. ... Timing checks for complex **circuit** designs (domino logic, pass gates, ... Ability to **merge** timing models; Industry-standard support, Liberty™, SDC, SPF, SPEF ...

[www.synopsys.com/Tools/Implementation/.../NanoTime.aspx](http://www.synopsys.com/Tools/Implementation/.../NanoTime.aspx) - [Cached](#) - [Similar](#)

4. [Generation of refined switching windows in static timing analysis ...](#)

The present invention generally relates to **circuit timing** analysis and more ..... line shows the **results** of dividing the cycle **time** of the **circuit** into four equal .... The process then returns to step 708 and continues to **merge** pairs of ...

[www.patentstorm.us/patents/6651229/description.html](http://www.patentstorm.us/patents/6651229/description.html)

5. [\[PDF\] Statistical Static Timing Analysis with Conditional Linear MAX/MIN ...](#)File Format: PDF/Adobe Acrobat - [Quick View](#)by L Zhang - [Cited by 15](#) - [Related articles](#) - All 11 versions

the MAX operator, with the understanding that the same **results** can be easily ..... **circuit**. Each

repetition is a process of **static timing** analysis by fixing ...  
[citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.74.8406&rep...](http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.74.8406&rep...)

## 6. [\[PDF\] Power Performance Optimization for Custom Digital \*\*Circuits\*\*](#)

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a convex optimization problem that **results** from the use of Elmore's formula for gate ... Uses a **static timer** to perform all **circuit**,related computations, ..... (R4) adds **merge** 4 carries at each stage, and therefore a 64,bit tree has ...

[www.eecs.berkeley.edu/~bora/publications/PATMOS05.pdf](http://www.eecs.berkeley.edu/~bora/publications/PATMOS05.pdf)

## 7. [\[PDF\] On Hierarchical Statistical \*\*Static Timing\*\* Analysis](#)

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the possibility of applying the basic **merge** operations is introduced in [13]. ..... TABLE I. **RESULTS OF TIMING MODEL EXTRACTION. Circuit ...**

[www.date-conference.com/archive/conference/proceedings/.../10.4\\_1.PDF](http://www.date-conference.com/archive/conference/proceedings/.../10.4_1.PDF)

## 8. [Timing Model Extraction of Hierarchical Blocks by Graph Reduction](#)

by CW Moon

creating a **timing** model of a digital **circuit** for use with a **static timing** analyzer. .... pins from a **timing** graph. Whenever s-**merge** is performed, arc ..... Tables 2 and 3 present **results** of graph reduction on four industry designs. ...

[doi.ieeecomputersociety.org/10.1109/DAC.2002.1012611](http://doi.ieeecomputersociety.org/10.1109/DAC.2002.1012611)

## 9. [Timing Model Extraction of Hierarchical Blocks by Graph Reduction](#)

by CW Moon - 2002 - [Cited by 17](#) - [Related articles](#)

creating a **timing** model of a digital **circuit** for use with a **static timing** analyzer. ... behavior of the original **circuit** and produce accurate **results** .... s-**merge** takes two delay arcs (d1 and d2) in series and creates a new ...

[portal.acm.org/ft\\_gateway.cfm?id=513957&type=pdf](http://portal.acm.org/ft_gateway.cfm?id=513957&type=pdf)

## 10. [Ali Dasdan - Publications](#)

A. Dasdan and S. Kolay, Search **Results** with Most Clicked Next Pages, Yahoo!, filed in 2008. ... H.-C. Yang, A. Dasdan, and R.-L. Hsiao, Map-Reduce with **Merge** for ... A. Dasdan and C. Aykanat, Two Novel **Circuit** Partitioning Algorithms Using ... A. Dasdan, S. Kolay, and M. Yazgan, Derating in **Static Timing** Analysis: ...

[dasdan.net/ali/publications.php](http://dasdan.net/ali/publications.php) - [Cached](#)

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